Update Report on Implementation of Statewide Clinical Information Exchange

By

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Since October 15, 2008, the Utah Health Information Network's (UHIN) statewide clinical health information exchange (cHIE) project has chosen a nationally recognized vendor to partner - Axolotl - in the creation of the cHIE. A sustainable business model has been developed, a patient consent model has been developed, the technical infrastructure and core applications have been installed.

The UHIN Board of Directors has decided to begin the initial implementation of the cHIE in two geographical areas: the Box Elder/Cache County area and the Moab area (see attached figure: Overview cHIE 2009 Roll Out). UHIN staff members have conducted in-depth interviews with nearly 100% of the physicians and key data sources (hospitals and labs) in these areas. The attached power point summarizes their findings.

There is a high level of interest in both areas to join and work with the cHIE. UHIN staff members are working with the identified EMR vendors to connect to the cHIE. EMR vendors may be requesting payment to make this connection; UHIN is considering looking for funds to help defray this expense. Approximately 1/3 of the physicians do not have EMRs and would consider using the EMR that is part of the Axolotl (cHIE Strategic Partner) tool set that is available to UHIN members.

The administrative rule R380-70 Standards for Electronic Exchange of Clinical Health Information became effective in January 2009. The State of Utah adopted its first clinical message standards for exchanges of clinical laboratory results through the UHIN cHIE system.

Over View cHIE 2009 Roll Out [DRAFT]

January	May – Fill the Wells; Results Delivery	September– Test the Query	January 2010

CPMC Select Initial Implementation Sites:
Box Elder/ Cache Counties
Moab

Complete and Approve Changes to ECA

Complete and Approve cHIE Addendum

-Complete and Approve Changes to Privacy and Security
  Disclaimer

-Complete and Approve Axolotl Product Acceptance
  Documentation

-Process complete for enrollment of users
Identify needed Policies
  Duplication of Data

-Completion of Administrate Processes

Contact ~100% of Physicians / Clinics
Identify key Data Sources
Survey EMRs of Key Data Sources

Complete Patient Consent

Have Key Data Sources sign ECA and cHIE Addendum
Work with EMR vendors to connect
Install e-lite where needed
Begin "Phase 0" Testing of MPI

Continue
"Fill the Wells"
Results Delivery

"Fill the Wells"
Results Delivery
Data Source
Identities

If Approved

"Test the Query"
Data Users
Identities
Patient Consent

If Approved

"Move to Production:
Chose a sequence of sites to implement

Evaluation:
- "Phase 0" for Data Sources
  • *Identity management*
  • *Staffing of MPI*
-Complete Testing of Privacy and Security for Data Sources/Results Delivery
  • *User Identification and Authentication*
-Complete testing of edge server for Data Sources/Results Delivery
-Complete testing of e-lite for Data Sources/ Results Delivery

Report to CPMC Report to Board

Evaluation:
-Continue Phase "0" for Data Users
  • *Identity management*
  • *Staffing of MPI*
-Complete Testing of Privacy and Security for Data Users
  • *User Identification and Authentication*
  • *Managing Patient Consent*
-Complete testing of edge server for Data Users
-Complete testing of e-lite for Data Users

Report to CPMC Report to Board

Create and Approve Necessary Standards